

USSN 09/826,355
Art unit 2644
Examiner Shortledge, T.

Amendments to the claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of building a database from text, the method comprising the steps of:
parsing text to identify paths formed by concatenated relationships between words in the text; and
generating a database of inference rules comprising pairs of semantically equivalent paths
by associating, in a computer, paths with each other based on a similarity measure between the paths.
2. (Original) The method of claim 1 in which the similarity measure is based on the frequency of occurrence of words in the paths.
3. (Original) The method of claim 2 in which the words are at the end points of the paths.
4. (Original) The method of claim 1 in which the step of associating paths with each other comprises the step of counting occurrences of words at the end points of specific paths.
5. (Original) The method of claim 4 in which the step of associating paths comprises the step of comparing counts of occurrences of words and associating paths based on the counts of occurrences of the words.
6. (Original) The method of claim 5 in which paths are associated only when the similarity measure exceeds a threshold.
7. (Original) A method of information retrieval, the method comprising the steps of:

USSN 09/826,355
Art unit 2644
Examiner Shortledge, T.

initiating a search for electronic information; and
expanding the search by reference to associated paths in a database constructed according
to the method of claim 1.

8. (Original) The method of claim 7 in which the search is initiated from a location remote
from the location of the database.

9. (Original) The method of claim 7 in which, in the method steps of claim 1, the similarity
measure is based on the frequency of occurrence of words in the paths.

10. (Original) The method of claim 9, in which, in the method steps of claim 1, the words are
at the end points of the paths.

11. (Original) The method of claim 7 in which, in the method steps of claim 1, the step of
associating paths with each other comprises the step of counting occurrences of words at the end
points of specific paths.

12. (Original) The method of claim 11 in which the step of associating paths comprises the
step of comparing counts of occurrences of words and associating paths based on the counts of
occurrences of the words.

13. (Original) The method of claim 12 in which paths are associated only when the similarity
measure exceeds a threshold.

14. (Original) Computer readable media containing instructions for carrying out the method
steps of claim 1.

15. (Original) Computer readable media of claim 14 in which, in the instructions for carrying
out the method steps of claim 1, the similarity measure is based on the frequency of occurrence
of words in the paths.

USSN 09/826,355
Art unit 2644
Examiner Shortledge, T.

16. (Original) Computer readable media of claim 15 in which, in the instructions for carrying out the method steps of claim 1, the words are at the end points of the paths.

17. (Original) Computer readable media of claim 14, in which the instructions for carrying out the step of associating paths with each other comprise instructions for carrying out the step of counting occurrences of words at the end points of specific paths.

18. (Original) Computer readable media of claim 17 in which the instructions for carrying out the method step of associating paths comprise instructions for carrying out the method step of comparing counts of occurrences of words and associating paths based on the counts of occurrences of the words.

19. (Original) Computer readable media of claim 18 in which, in the instructions for carrying out the method steps, paths are associated only when the similarity measure exceeds a threshold.